



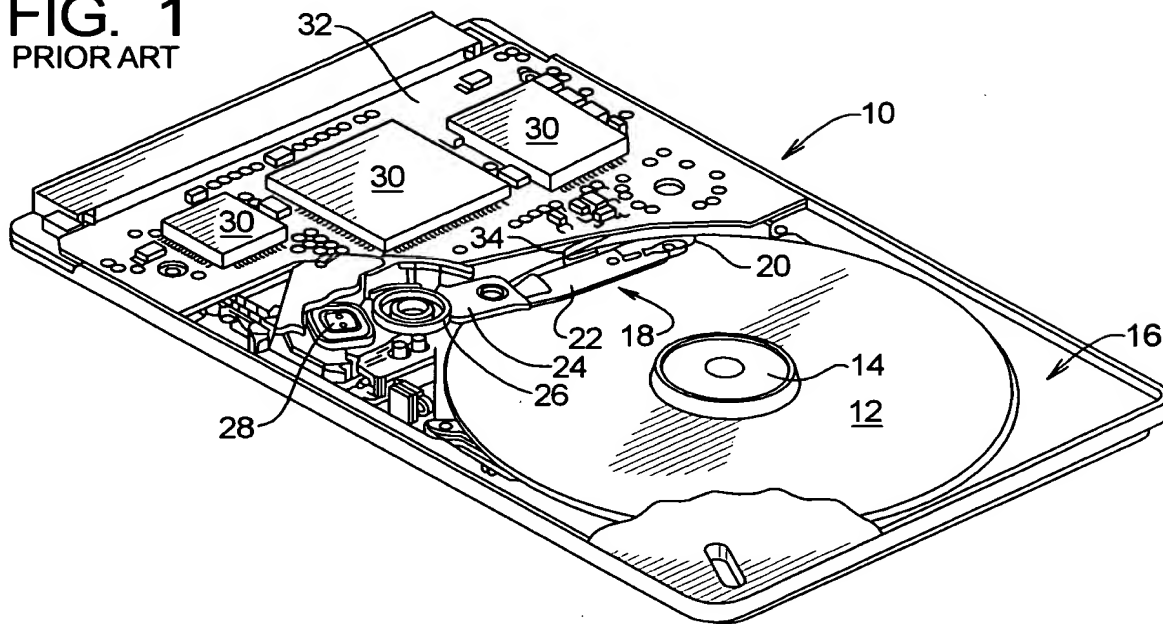
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Attorney: Tejpal S. Hansra

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Amendment Mailed: September 27, 2006  
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Group Art Unit: 2627  
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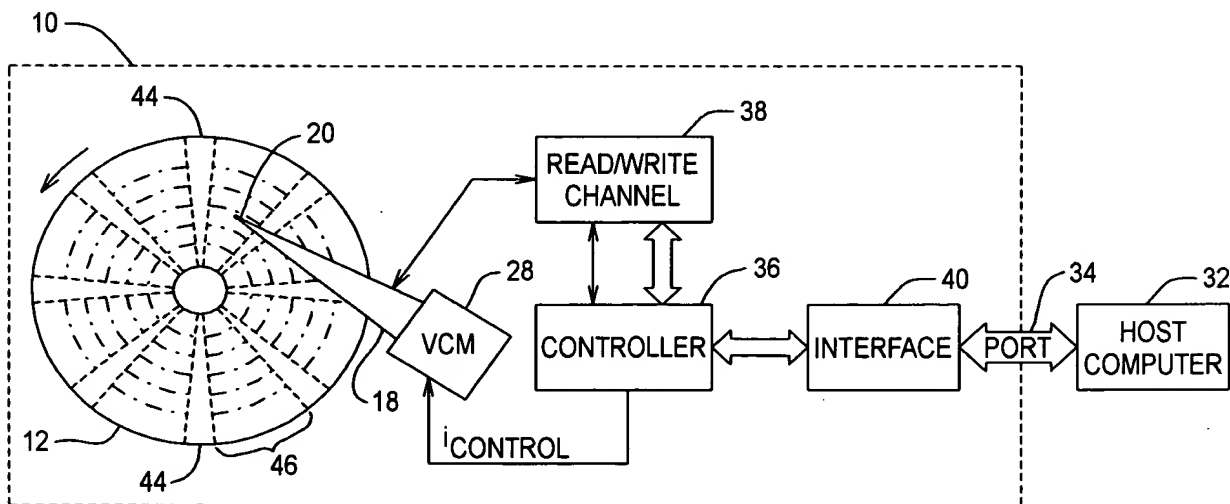
Replacement Sheet 1 of 8 sheets

1/8

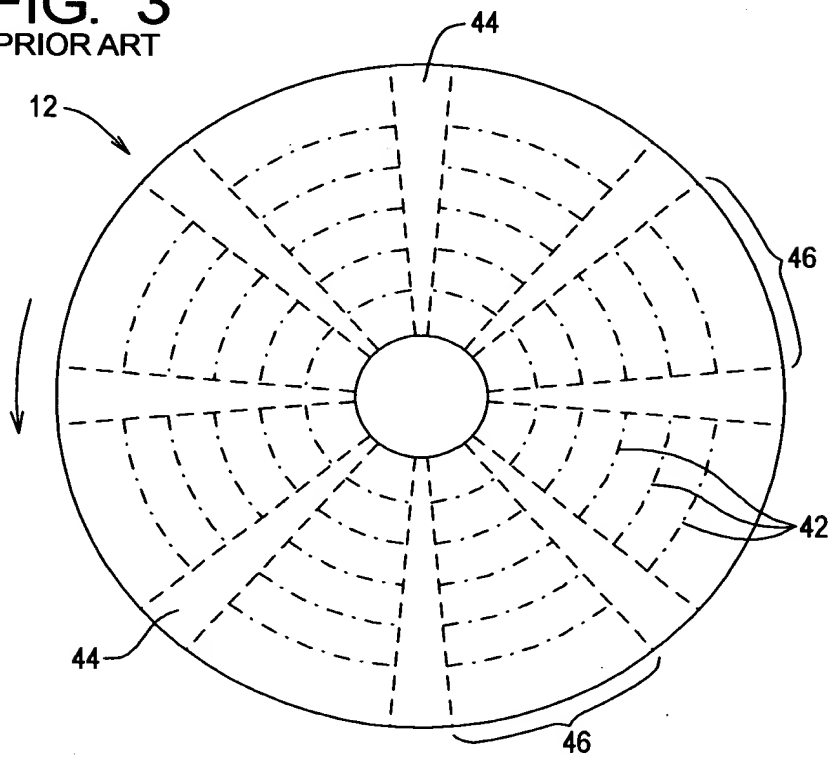
**FIG. 1**  
PRIOR ART



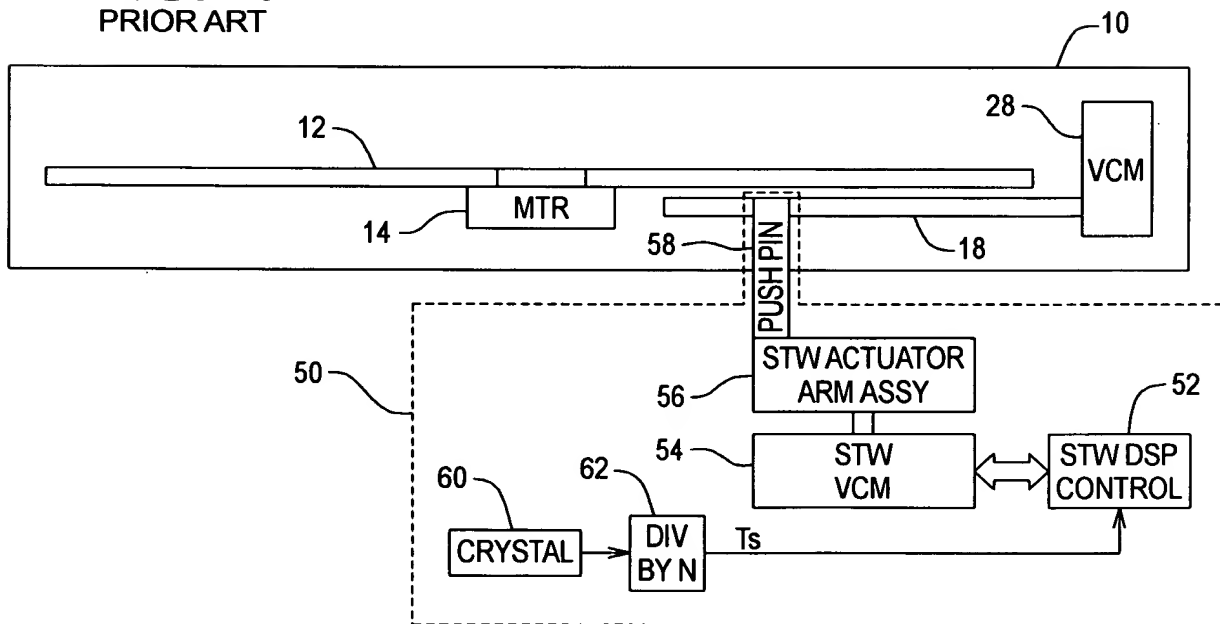
**FIG. 2**  
PRIOR ART



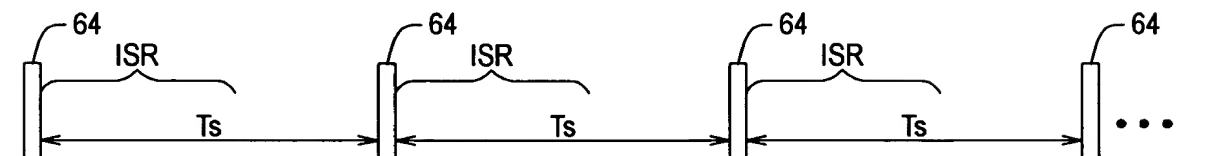
**FIG. 3**  
PRIOR ART



**FIG. 4**  
PRIOR ART



**FIG. 5**  
PRIOR ART



**FIG. 6**  
PRIOR ART

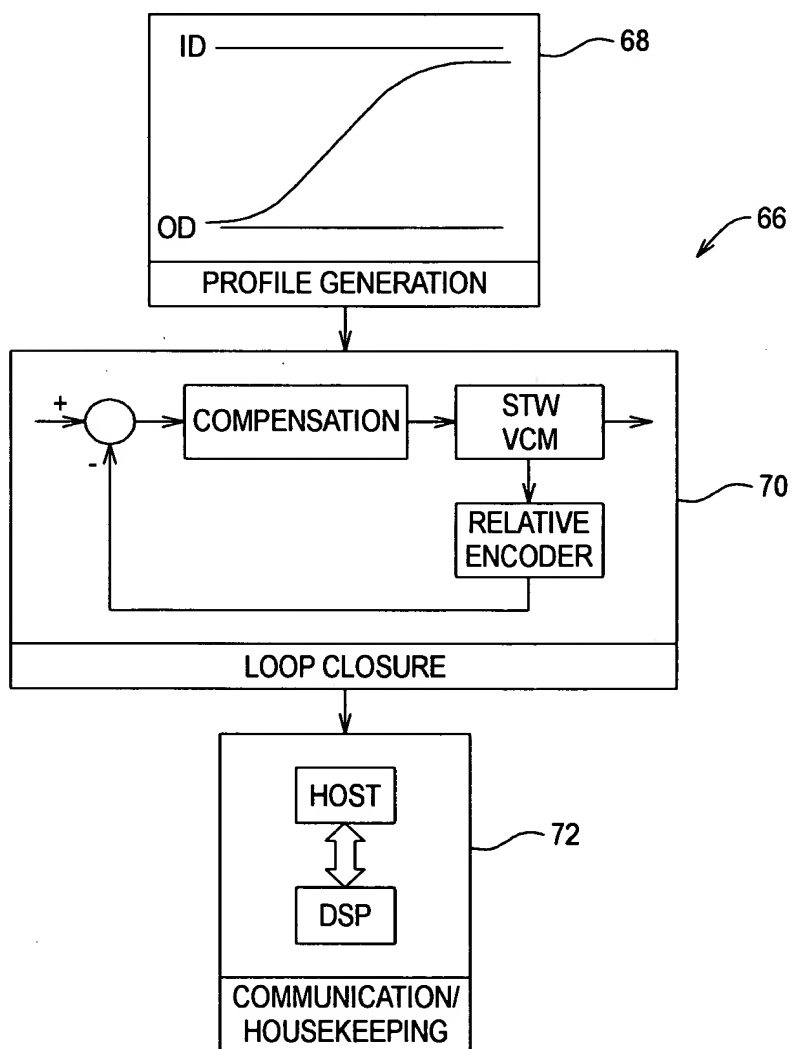


FIG. 7

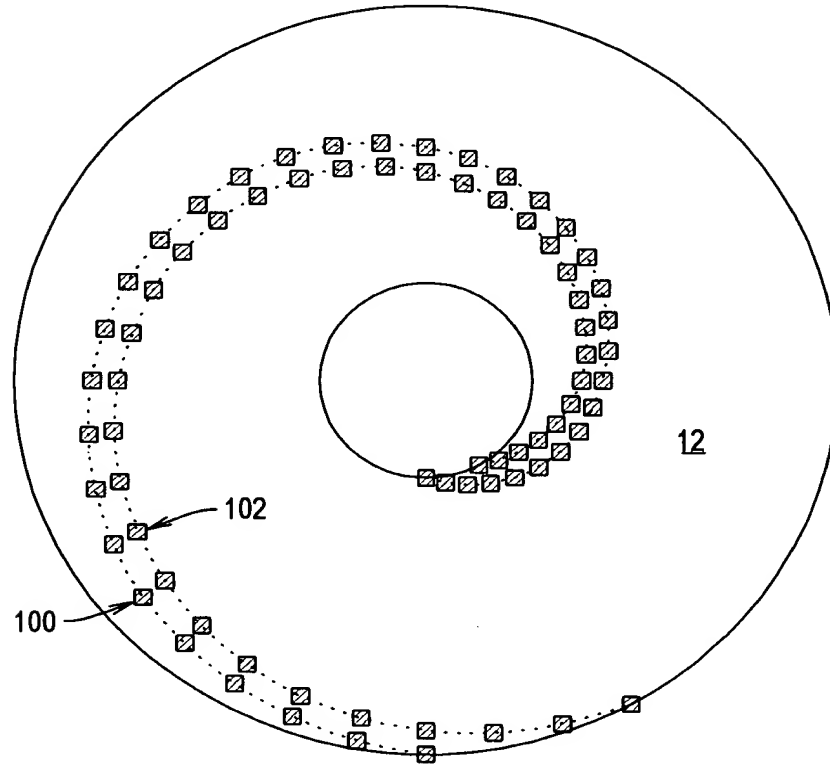


FIG. 8

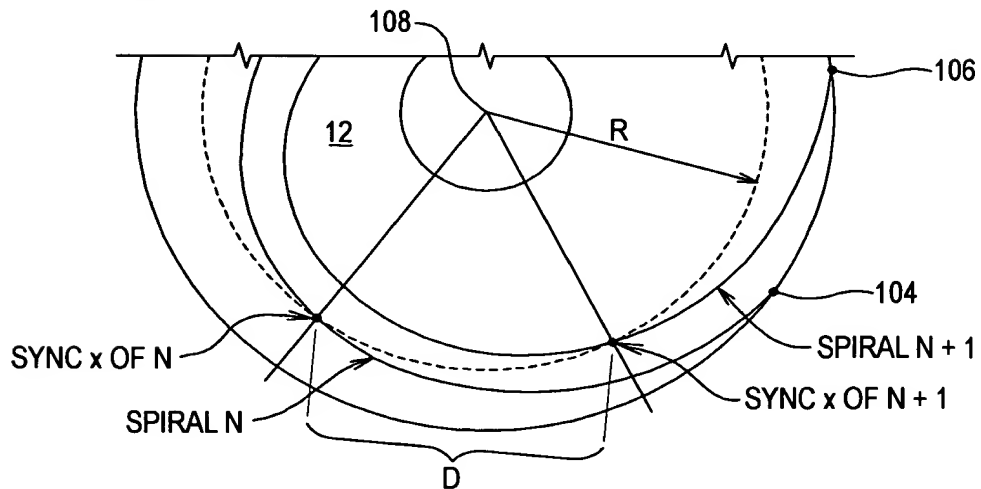




FIG. 10

$$\left( \frac{X \text{ rev}}{\text{min}} \right) \left( \frac{\text{min}}{60 \text{ sec}} \right) \left( \frac{Y \text{ sec}}{\text{int}} \right) = \left( \frac{\text{Rev}}{Z \text{ int}} \right) \text{ :[EQUATION 1]}$$

EXAMPLE 1: FOR  $Z = \frac{160 \text{ int}}{\text{Rev}}$

$$Y = \frac{68 \text{ u sec}}{\text{int}}$$

$$\Rightarrow X = \frac{60 \text{ sec}}{\text{min}} \frac{\text{int}}{68 \text{ u sec}} \frac{\text{Rev}}{160 \text{ int}} = 5514.705 \text{ RPM}$$

EXAMPLE 2: FOR  $X = 5700 \text{ RPM}$

$$Z = \frac{160 \text{ int}}{\text{Rev}}$$

$$\Rightarrow Y = \frac{60 \text{ sec}}{\text{min}} \frac{\text{min}}{5700 \text{ Rev}} \frac{\text{Rev}}{160 \text{ int}} = \frac{65.789 \text{ u sec}}{\text{int}}$$

FIG. 11

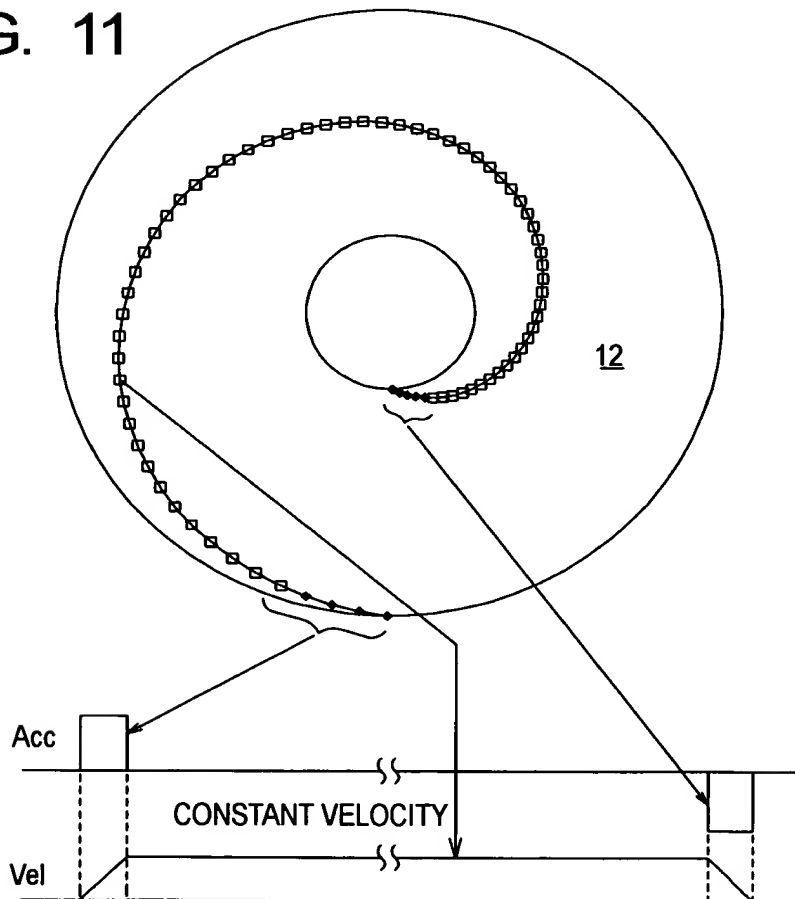
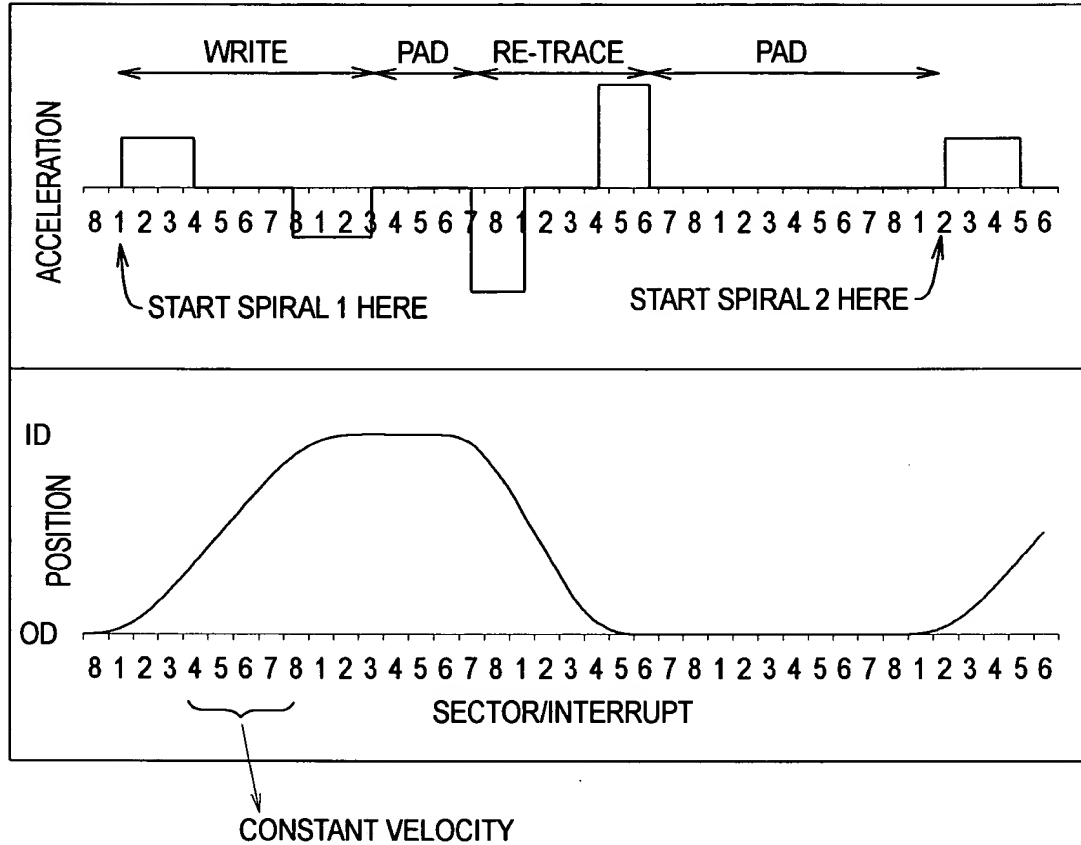


FIG. 12



8/8

FIG. 13

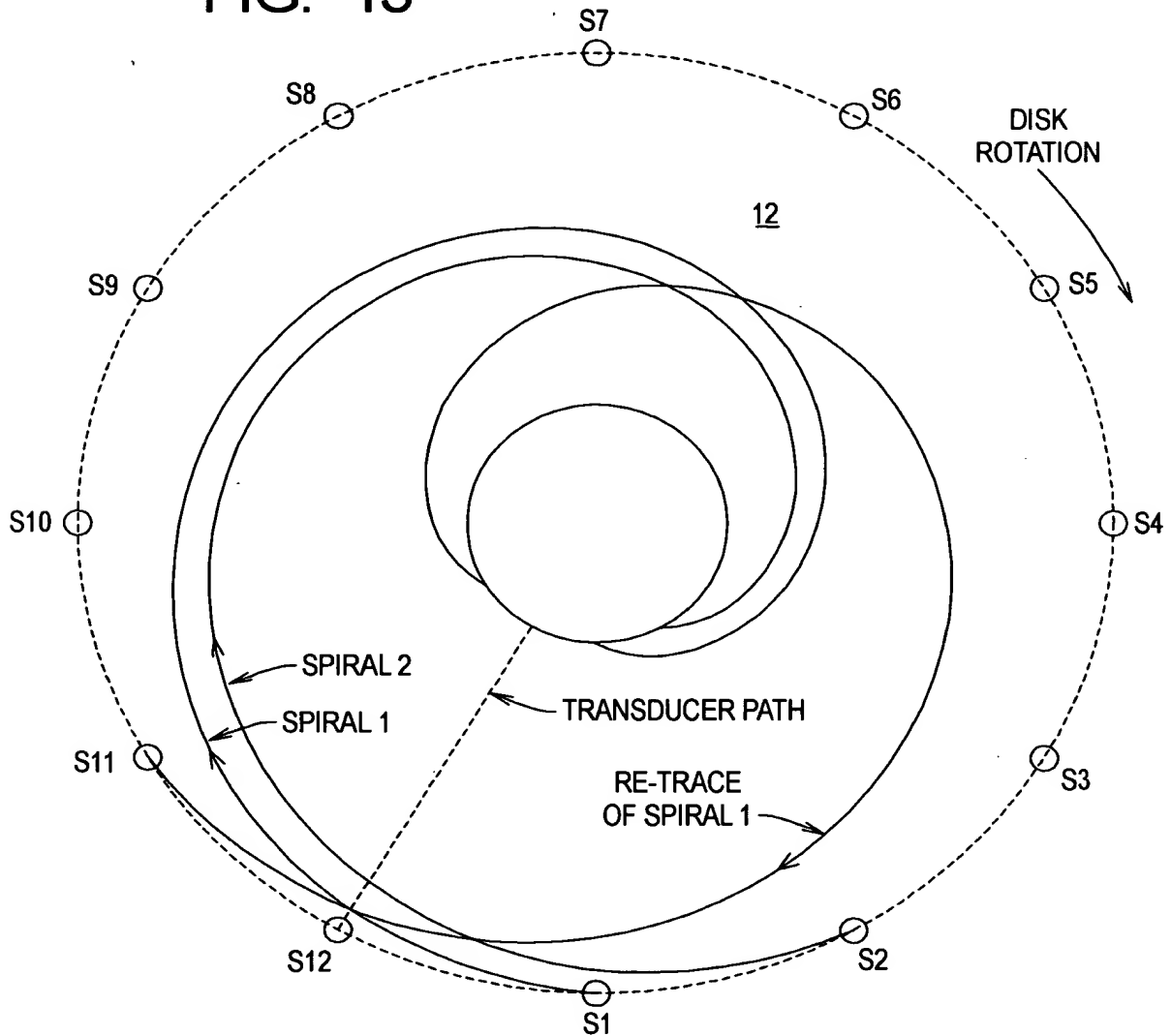


FIG. 14

